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natrients to affect the production of the affect behaviors and other brain function have focussed on the amino acid tyrosine cells, to dopamine, norepinephrine, and e on brain dopamine release has now been sh	g research program on the ability of certain ir neurotransmitter products, and thereby to
reflecting a protective mechanism to sust alanine have now also been shown to modul of the fall in blood pressure caused by h have been shown to enhance dopamine relea actions In related studies, we have exa	cain blood pressure. Adenosine and the amino acid ate blood pressure - and adenosine to mediate some nemorrhage. Various dipeptides & diketopiperazines ase, either by providing tyrosine or by direct amined the interactions of dietary carbohydrates levels of other amino acids which compete with

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FINAL TECHNICAL REPORT

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Uses of Tyrosine in Foods to Amplify Catecholamine Release

Richard J. Wurtman, M.D.
Department of Brain and Cognitive Sciences
Massachusetts Institute of Technology
Cambridge, MA 02139

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Research in my laboratory that was all or in part supported by AFOSR during the period 1987-1990 (Grant # AFOSR-87-0229) generated the following publications, which are grouped according to their content and described briefly below. (It should be noted that acknowledgement of AFOSR support is missing from some of them, because some journals - like Scientific American - do not, as a matter of policy, list acknowledgements.)

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